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Michael E. Connors

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Brian Seed and Yi Yang

Confirmation No.

4930

Serial No.:

10/521,634

Art Unit:

1632

371(c) Date:

October 11, 2005

Examiner:

Michael C. Wilson

Customer No.:

21559

Title:

METHODS FOR THE PRODUCTION OF CELLS AND

MAMMALS WITH DESIRED GENETIC MODIFICATIONS

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

REPLY TO FINAL OFFICE ACTION

In reply to the final Office Action that was mailed in connection with the abovecaptioned patent application on April 9, 2008, Applicants submit the following Amendments and Remarks.

Kindly amend the application as follows.